



**AUDREY VILLOT**

*From France to Sweden*



Project: **Waste valorization**

Research topic: **Environment**

Swedish Institution: **University of Borås and Chalmers University**

French Institution: **IMT Atlantique Nantes**

Dates of mobility: **03/11/2019 to 08/11/2019**

Program: **SFVE-A (Ex TOR)**



## PRESENTATION

After having obtained an engineering degree in Environmental Engineering ([Polytech Annecy-Chambéry](#)) and a master's degree in Environmental Biotechnology ([University of Savoie](#)), [Audrey Villot](#) obtained her PhD in Process Engineering from the University of Savoie in 2010. Since 2011, she is a Senior Assistant at the [École des Mines de Nantes](#) where she carries out both her teaching and research activities in the [Department of Energy Systems and Environment](#).

## ACTIVITIES IN SWEDEN

At the Swedish center of resource recovery at [Borås University](#), Audrey Villot had the opportunity to meet three research groups. A first group composed of Jorge Ferreira and Ilona Sarvari Horvat focused on Biotechnology and especially on waste and organic residues valorization. Following Audrey Villot's visit, a new cooperation has been launched with the team. The second one, composed of Anita Petersson and Richards Tobias, was working on Combustion and Thermal Processes. The third group composed of Lindstrom Kumar and Sunil Ramamoorthy dealt with Polymer Technology and in particular with the development and implementation of new biobased materials made from residues or natural fibers.

At [Chalmers University of Technology](#), Audrey Villot met researchers from two different departments: Carl Johan Franzen who worked in the Biology and Biological Engineering department and Henrik Thunmann from the Space, Earth and Environment Department. Audrey Villot had relevant exchanges with the latter who was making research for a project called [GoBiGas](#) (Gothenburg Biomass Gasification).

Audrey Villot has also participated in a conference entitled "Building a sustainable European biofuel industry" at Chalmers University and held a presentation at [Hvitfeldtska Gymnasium](#) about environmental transition and waste.